



DESCRIPTIVE DATA

ALL STEEL CAR BUILT NEW BY PULLMAN CO. CHICAGO IN 1917 AND ICE AIR CONDITIONED AT READVILLE MAY 1943

WEIGHTS - LIGHT CAR COMPLETE 17000 LBS., WEIGHT OF EACH TRUCK 28100 LBS., WEIGHT OF CAR BODY 112800 LBS., WEIGHT OF KITCHEN END 75500 LBS., WT. OBS. END 83500 LBS.

TRUCKS - GENERAL STEEL CASTINGS CO. 5 1/4" X 10" - 6 WHEEL ALL COIL SPRINGS OUTSIDE WITH WING NIPPER WITH PAPER COLLIE BEARINGS AND MANGRO BEARINGS. WOOD INSULATED WITH FABRIKOA. TRUCKS EQUIPPED WITH A.S.T. "SIMPLEX" CLAMP BRAKE RIGGING. 2 TRUCK MOUNTED 10" X 10" BRAKE CYLINDERS AND 2 AUTOMATIC SLACK ADJUSTERS PER TRUCK.

BRAKE - W.A.B.C. BEARINGS P.T.C.P. WITH P.T.C. CONTROL VALVE, S.S. RELAY VALVE, A.C. BRICE SERVICE VALVE, EX. SLACK CALLS "LIFT SYSTEM" WIND BRACE AT SWAMP END AT PRESSURE END - PEACOCK WHEEL TYPE HAND BRACE AT SWAMP END.

STEAM HEAT-VAPOR COB. SYSTEM WITH VAPOR REGULATORS. THERMOSTATICALLY CONTROLLED HEATING IN OBSERVATION ROOM, DINING ROOM, AND HALLWAY AND ADDITIONAL MANUAL CONTROLLED HEATING COILS FOR BEDROOMS AND SUPPLEMENTARY SIDE WALL COILS FOR SEVERE WEATHER.

REFRIGERATION - SOHNI-ICE REFRIGERATOR IN VESTIBULE-KITCHEN END. ADDITIONAL CIVILIAN TYPE REFRIGERATOR IN VESTIBULE-KITCHEN END.

INSULATION - 3 PLY SALAMANDER 3/4" THICK EXTENDING FULL DEPTH OF SIDES AND OVER ROOF ALSO UNDER FLOOR.

DRAINAGE BUFFING AIR - MIXER - A-S-B FRICTION DRAST GEAR AND 10X BUFFER ARRANGED FOR SINGLE SYSTEM CAST STEEL COUPLER.

FLOOR COVERING - CARPET THRU-OUT DINING ROOM, OBSERVATION ROOM AND PASSAGEWAY. CHECKERED LINOLEUM IN HALLWAY AT KITCHEN, KITCHEN, PANTRY AND STEWARDS SECTION.

FULL LENGTH MIRRORS ON ALL STATE ROOM DOORS.

SLEEPING CAPACITY - 10 - NOT INCLUDING CREW.

LIGHTING - ALL LAMPS 32 VOLT TYPE A-19 CD FROM BATTERY. CAR CAN BE LIGHTED FROM A.C. OUTSIDE SOURCE.

AIR CONDITIONING - CAR IS EQUIPPED WITH B.F. STURTEVANT CO'S. ICE AIR CONDITIONING 7 TO 4 UNIT ARRANGED STATE ROOM SIDE OF THE CAR WITH DISCHARGE GRILLE OPENINGS IN THE SIDE DECK TO THE VARIOUS ROOMS.

FOR DUCT DISTRIBUTION, THE DISTRIBUTING DUCT IS LOCATED AT THE SIDE OF THE CLEARESTORY ON THE STATE ROOM SIDE OF THE CAR WITH DISCHARGE GRILLE OPENINGS IN THE SIDE DECK TO THE VARIOUS ROOMS.

THE CAR IS EQUIPPED WITH ELECTRIC WHEELER LIGHTS.

ELECTRIC CURRENT FOR LIGHTING AND AIR CONDITIONING IS SUPPLIED BY "SAFETY" 10 KW BODY HUNG AXLE DRIVEN GENERATOR AND 1000 AMP HOUR BATTERY.

WATER SYSTEM - HOT WATER FURNISHED TO KITCHEN & PANTRY BY GRAVITY. COLD WATER FURNISHED TO KITCHEN & PANTRY BY BOTH GRAVITY AND PRESSURE. HOT AND COLD WATER IS FURNISHED TO BATH ROOMS & WASH BASINS BY PRESSURE ONLY. OVERHEAD TANKS FOR KITCHEN & PANTRY HOT AND COLD WATER MAY BE FILLED EITHER THRU ROOF OR FROM PRESSURE TANK UNDER CAR.

IN.	CK.	BY	WHY REISSUED	DATE	LETTER
				8-3-55	E
4	cy	ER	TO SHOW LOCATION OF SPEEDOMETER.	6-15-44	D
5	cy	ERS	TO SHOW AIR CONDITIONING DATA AND NEW STEAM HEATING ARRANGEMENT.	12-29-43	C

N. Y., N. H. & H. R. R.
 NEW HAVEN MAY 13, 1948.

DIAGRAM
BUSINESS CAR NO. 2

CORRECT APPROVED

S. L. Stadel 24286 *[Signature]*

EST. M. E. M. E.

DR. TR. CK. IN. ERS